

Message Text

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TAGS: NATO, SENV

SUBJECT: CCMS: AIR POLLUTION - FINAL PILOT STUDY REPORT

REF: (A) USNATO 805; (B) USNATO 1120

1. IN RESPONSE TO INQUIRY, US IS PREPARING A DRAFT OF THE FINAL AIR POLLUTION PILOT STUDY REPORT FOR SUBMITTAL TO THE CCMS MAY 7-8 PLENARY IN TURIN. THIS REPORT WILL CONTAIN A SERIES OF ACTION RECOMMENDATIONS BASED PRIMARILY ON THE ACCOMPLISHMENTS RESULTING FROM THE COMPLETION OF THE TASKS UNDERTAKEN WITHIN THE VARIOUS SUB-ELEMENTS OF THE PILOT STUDY, I.E., AIR POLLUTION ASSESSMENT STUDIES IN VARIOUS CITIES, PROMULGATION OF AIR QUALITY CRITERIA, DOCUMENTATION OF AVAILABLE AIR POLLUTION CONTROL TECHNOLOGY, AIR QUALITY MODELING, AND THE LOW POLLUTION POWER SYSTEMS DEVELOPMENT (LPPSD) INITIATIVE. THE UNCLASSIFIED

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REPORT IS NOT EXPECTED TO BE LENGTHY (ABOUT 40-50 PAGES)

SINCE ALL OF THE STUDY RESULTS HAVE BEEN DOCUMENTED IN THE 18 CCMS DOCUMENTS PUBLISHED DURING THE COURSE OF THE PILOT STUDY.

2. IT SHOULD BE RECOGNIZED THAT THE RECOMMENDATIONS WHICH WILL BE CONTAINED IN THE REPORT WILL FLOW FROM THE COMMITMENT BY MEMBER GOVERNMENTS IN ADOPTING THE CCMS AIR POLLUTION RESOLUTION IN JANUARY 1972. THE RESOLUTION STATED "THAT ALL MEMBER NATIONS WILL: (1) TAKE COGNIZANCE

OF THE NEED FOR DYNAMIC EFFORTS TOWARD ENHANCING AND MAINTAINING THE QUALITY OF THE AIR; (2) ENDEAVOR TO USE, WHERE APPROPRIATE FOR SETTING UP NATIONAL AIR QUALITY MANAGEMENT PROGRAMS, THE SYSTEMS METHODOLOGY GENERATED BY THE CCMS PILOT STUDY; AND (3) PROMOTE COOPERATION AMONG MEMBERS WHEN AIR POLLUTION PROBLEMS ARE COMMON TO NATIONAL BOUNDARIES." THIS RESOLUTION SHOULD BE CONSIDERED THE UMBRELLA RECOMMENDATION COVERING THE OVERALL OBJECTIVE OF THE PILOT STUDY TO DEVELOP AND ADVANCE SYSTEMATIC AIR QUALITY MANAGEMENT PROGRAMS WITHIN AND OUTSIDE THE NATO COMMUNITY.

3. A BRIEF SUMMARY OF RECOMMENDATIONS (NOT COMPLETE TEXTS) WHICH WILL BE SET FORTH IN THE DRAFT REPORT REGARDING THE VARIOUS SUB-ELEMENTS OF THE PILOT STUDY ARE AS FOLLOWS:

(1) ASSESSMENT STUDIES AND ASSESSMENT METHODOLOGY

A. ASSESSMENT STUDY RESULTS FORM THE DATA BASE FROM WHICH AIR QUALITY MANAGEMENT IN URBAN REGIONS BEGINS; HENCE, MEMBER COUNTRIES WILL BE URGED TO INSTITUTE SUCH STUDIES IN ALL OF THE MAJOR URBAN CENTERS WITHIN THEIR COUNTRIES.

B. IT IS IMPORTANT TO UTILIZE INTERNATIONALLY COMPARABLE MONITORING TECHNIQUES SO THAT DATA COMPARISONS CAN BE MADE, ESPECIALLY IN THE HEALTH EFFECTS AREA. A RECOMMENDATION ENCOURAGING FULL PARTICIPATION IN THE JOINT WHO/OECD PROGRAM ON STANDARDIZATION AND UNCLASSIFIED

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COLLABORATION ON MONITORING TECHNIQUES IS SET FORTH. STANDARDIZED DATA STORAGE AND RETRIEVAL METHODS AS ADOPTED BY WHO SHOULD BE INSTITUTED BY ALL MEMBER COUNTRIES.

C. DEVELOPMENT OF UNIFORM METHODS OF INVENTORYING POLLUTANT EMISSIONS AND DATA STORAGE IS RECOMMENDED. COLLABORATIVE WORK ON EMISSION PROJECTION TECHNIQUES

SHOULD ALSO BE UNDERTAKEN.

(2) CRITERIA DEVELOPMENT AND PROMULGATION

A. MEMBER COUNTRIES SHOULD UTILIZE THE FIVE CRITERIA DOCUMENTS PUBLISHED IN THE PILOT STUDY IN CONJUNCTION WITH THE GUIDES PROVIDED BY WHO TO SET AMBIENT AIR QUALITY STANDARDS.

B. IT IS RECOMMENDED THAT MEMBER COUNTRIES LEND STRONG SUPPORT TO INTERNATIONAL PROGRAMS SUCH AS THOSE INSTITUTED BY WHO TO DEVELOP NEW CRITERIA INFORMATION. CCMS, AS PART OF ITS FOLLOW-ON RESPONSIBILITIES, SHOULD MAINTAIN COGNIZANCE OF SUCH EFFORTS AND TAKE WHATEVER ACTIONS NECESSARY TO STIMULATE SUCH PROGRAMS.

C. MEMBER COUNTRIES SHOULD DEVELOP STRONG NATIONAL PROGRAMS IN THE ENVIRONMENTAL EFFECTS FIELD IN SUPPORT OF 2B ABOVE.

(3) CONTROL TECHNOLOGY

A. MEMBER COUNTRIES SHOULD USE THE FIVE PUBLISHED DOCUMENTS ON CONTROL TECHNOLOGY IN DEVELOPING NATIONAL IMPLEMENTATION PLANS TO MEET THEIR AIR QUALITY STANDARDS.

B. MEMBER COUNTRIES SHOULD STRIVE TO EMPLOY THE BEST AVAILABLE CONTROL TECHNOLOGY DURING THE COURSE OF INDUSTRIAL EXPANSION.

C. BECAUSE OF THE DYNAMIC NATURE OF THE CURRENT CONTROL TECHNOLOGY RESEARCH DEVELOPMENT AND DEMONSTRATION EFFORTS IN MEMBER, AS WELL AS NON-MEMBER, NATIONS, AN ONGOING UNCLASSIFIED

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INTERNATIONAL PROGRAM TO UPGRADE AND EXPAND REFERENCE DOCUMENTS SUCH AS THOSE DEVELOPED IN THE PILOT STUDY IS ENCOURAGED. THE WHO INTERNATIONAL REFERENCE CENTER FOR AIR POLLUTION CONTROL, INsofar AS EPA IS CONCERNED, IS A LIKELY CANDIDATE ORGANIZATION FOR CONDUCTING SUCH A PROGRAM.

(4) MODELING

MODELS ARE THE MOST POWERFUL TOOLS FOR CORRELATING AIR QUALITY AND POLLUTION SOURCES, AS WELL AS THE POSSIBLE EFFECTIVENESS OF CONTROL STRATEGIES. THE CCMS MODELING PANEL HAS PROVED TO BE THE MOST DYNAMIC INTERNATIONAL BODY DEALING WITH THIS SUBJECT IN TERMS OF EVALUATING AND PROMOTING THE ROUTINE USE OF MODELS. THIS

ACTIVITY SHOULD CONTINUE AS A NEW CCMS INITIATIVE WITH THE ADDITIONAL GOAL OF PROVIDING GREATER UNDERSTANDING AND CONFIDENCE TO THE POLICY MAKERS WHO DEPEND UPON MODEL RESULTS IN THE AIR QUALITY MANAGEMENT DECISION MAKING PROCESS.

(5) LPPSD

RECOMMENDATIONS WILL FOCUS ON FULFILLING THE PROTOCOLS SET FORTH IN THE MEMORANDUM OF UNDERSTANDING AND THE ANNEX THERETO. EMPHASIS SHOULD BE PLACED ON THE NEED FOR A COMPLETE VEHICLE SYSTEMS APPROACH TO DEALING WITH POLLUTION, SAFETY, AND ENERGY. THE COORDINATION AND HOPEFULLY EVENTUAL INTEGRATION OF THE LPPSD AND ESV ACTIVITIES WILL BE DISCUSSED.

4. THE TIMETABLE FOR DISTRIBUTION OF THE DRAFT REPORT WILL MEET THE GUIDELINES SPELLED OUT
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